

Agency: Commerce, Community and Economic Development**Grants to Named Recipients (AS 37.05.316)****Grant Recipient: Ketchikan General Hospital****Project Title:**

Ketchikan General Hospital - Replacement Coagulation Analyzer

State Funding Requested: \$ 48,500**House District: 1 - A**

One-Time Need

Brief Project Description:

Funding to purchase a replacement Blood Coagulation Instrument for Ketchikan General Hospital laboratory.

Funding Plan:**Total Cost of Project: \$48,500**Funding Secured*Amount FY*Other Pending Requests*Amount FY*Anticipated Future Need*Amount FY*

There is no other funding needed

Detailed Project Description and Justification:

Item is \$48,500 to purchase a replacement Blood Coagulation Instrument for Ketchikan General Hospital laboratory. The Coagulation Analyzer is an essential piece of laboratory diagnostic equipment and is heavily used on a daily basis, seven days a week. The existing machine is 10 years old and is no longer being supported by the manufacturer. It is getting increasingly difficult to locate repair parts and service—a significant concern for KGH as this equipment is so heavily used in critical and emergency cases. The Blood Coagulation Instrument is necessary for a hospital the size of KGH to offer the breadth and scope of services that it does.

Ketchikan General Hospital (KGH) provides full laboratory services to a resident service area of 20,000 and a visitor population of approximately 750,000 a year. The KGH laboratory is certified by the College of American Pathology and supports outpatient, inpatient and emergency services and care. The Blood Coagulation Instrument is a critical and essential tool and is used to measure how quickly blood clots. This equipment is used to test coagulation levels for patients on anti-coagulant therapies, coagulation studies and other blood disorders and diagnostic studies. Patients requiring these studies come from a doctor's office, an inpatient unit or through the emergency department (as occurs often by tourists and visitors).

Project Timeline:

FY09

Entity Responsible for the Ongoing Operation and Maintenance of this Project:

Ketchikan General Hospital

Grant Recipient Contact Information:

Contact Name: Pat Branco

Phone Number: (907) 225-5171

Address: 3100 Tongass Avenue KTN, AK 99901

Has this project been through a public review process at the local level and is it a community priority? ☒ Yes ☐ No



THE COMMUNITY OF KETCHIKAN



Ketchikan General Hospital Replacement Coagulation Analyzer and Hematology Analyzer Equipment

FUNDING REQUEST	
REQUESTED	\$99,000
MATCHING/LOCAL	\$45,000
TOTAL	\$144,000

PROJECT SUMMARY:

This project provides for the purchase of a replacement Blood Coagulation Instrument and Hematology Analyzer equipment for use in the Laboratory at Ketchikan General Hospital (KGH).

PROJECT HISTORY/STATUS:

KGH provides full laboratory services to a service area population of 20,000 and a visitor population in excess of 850,000 annually between months of May and September. The KGH Laboratory is certified by the College of American Pathology and supports outpatient, inpatient and emergency services and care. The Coagulation and Hematology Analyzers are essential equipment and basic diagnostic tools for KGH and essential to KGH's ability to serve its patient population and to deliver the services and care required.

The Blood Coagulation Instrument measures how quickly blood clots, testing coagulation levels for patients on anti-coagulant therapies, coagulation studies and other blood disorders and diagnostic studies. Patients requiring these studies come from a doctor's office, an inpatient unit or through the emergency department (as occurs often by tourists and visitors). Over the past twelve months, KGH performed 5,244 coagulation procedures using this equipment. The Coagulation Instrument is heavily used on a daily basis, seven days a week, 52 weeks a year. It is a critical and essential tool.

The Hematology Analyzer performs Complete Blood Counts (CBCs) to measure cellular parameters of blood such as the level of white and red blood cells, platelet counts and amount of hemoglobin in the blood. These indicators show the presence and magnitude of infection, anemia or other blood abnormalities such as leukemia.

The requested Hematology Analyzer will enable KGH to quickly and precisely differentiate between normal white cells and a trend in cell differentiation indicating abnormalities, a critical diagnosis that if can be done quickly is critical to achieving the best medical results and outcomes. KGH currently has two old Hematology Analyzers. If awarded legislative funds, KGH proposes to purchase the second Hematology Analyzer with matching funds. In the past year, KGH performed approximately 12,250 CBCs and over 800 hemogram procedures.

Due to their age (being over 11 years old) and antiquated technology, the manufacturer no longer supports the existing Blood Coagulation Instrument and it is getting increasingly difficult to locate repair parts and service for both respectively. This is a significant concern for

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KGH as this equipment is so heavily used in critical and emergency cases.

The Blood Coagulation Instrument and Hematology Analyzer are vital and essential pieces of laboratory diagnostic equipment that a hospital the size of KGH must offer to maintain and support the breadth and scope of services that it provides to southern Southeast Alaska residents and visitors.

PROJECT FUNDING REQUEST:

The City of Ketchikan and PeaceHealth are seeking an appropriation of \$99,000 to be applied towards the cost of this equipment. If authorized, PeaceHealth will provide matching funds in the amount of \$45,000 to purchase the second Hematology Analyzer.